

# MAXWEAR™

## Perforated Plate Installation Instructions

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Recommended Safety Tips	Recommended Tools
Hard Hat	Impact Wrench
Gloves	Socket
Safety Glasses	Breaker Bar
Screen Installation is a 2 person job	

### KNOW YOUR INSTALLATION TYPE

**Hooked - Side or End Tension**



**Bolt-Down**



### PRE-INSTALLATION

#### Turn Screening Plant Off

- Wait for the screen box to stop vibrating and all moving parts to stop moving.

#### Remove Old Screen

- Safely remove and discard old screen.

#### Clear Screen Ledge (Hooked Install Only)

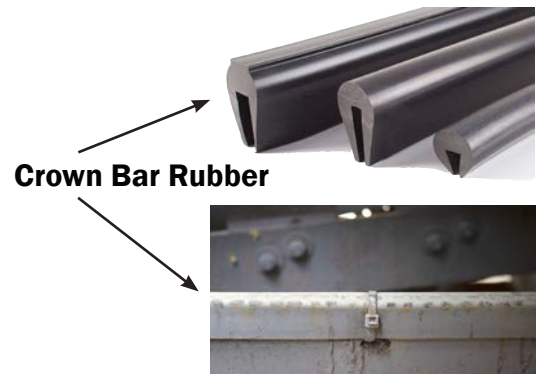
- Check the screen box for material build up that may interfere with the installation of the new screen.

## Inspect Cross Members

- Check the cross members for any wear, looseness or bends. If any of these conditions exist, they must be repaired prior to installation of the new screen because un-repaired they will have a negative effect on the service life of the screen.

## Replace Crown Bar Rubber

- For superior performance and proper fit/protection, install new crown bar rubber (capping rubber, bucket rubber) with each new MAXWEAR Perforated Plate screen.



## Measure Screen

- Measure length & width of replacement screen and machine screen box to ensure a proper fit before beginning installation.

## Bolts

- Ensure that bolts are not rusty or stripped and are the correct length prior to installation.

# INSTALLATION

## Lift Screen into Place

- Carefully lift and place screen in correct orientation within the screen box.

## Double Check Screen Orientation

- If screen is configured with crown bar blank out areas, ensure that they line up correctly with the machine crown bar supports - if they don't line up, rotate screen 180° and check alignment again.



## Seat Hooks (Hooked Install Only)

- Adjust position of screen as necessary to ensure that hooks are seated correctly and completely.

## Align Bolt Holes (Bolt-Down Install Only)

- Adjust position of screen as necessary to ensure that screen and machine bolt holes line up correctly.

## Incrementally Tighten Tension Bolts

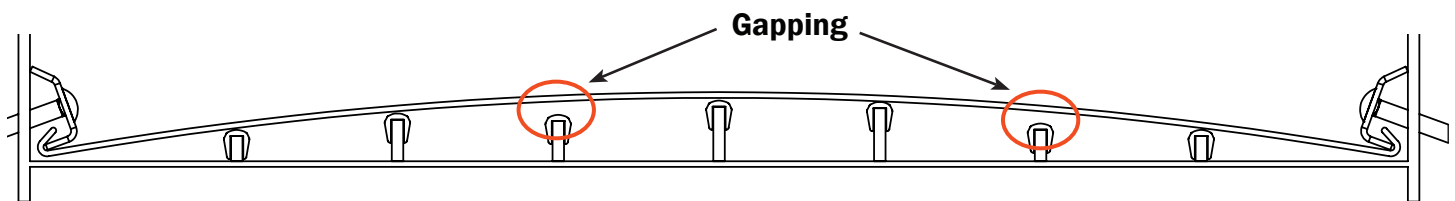
- Thread in and loosely tighten all tension bolts. Then, incrementally tighten - starting with the bolts in the center, on each side, before moving on to tightening the bolts at each end. Continue incremental tightening, ensuring screen remains squarely within screen box.

## Final Tensioning Best Practices

- While an impact wrench can be used for general tensioning, final tensioning should be performed with a socket and breaker bar to achieve proper tensioning.

## Contact Between Screen and Crown Bars

**!!!IMPORTANT!!!** After tensioning, it is vitally important to ensure that there is positive contact between the screen and every crown bar support - if gapping exists, breakage will occur.



## Test Run

- Test run the screen with no load for a few minutes before checking that bolts have remained tight. Next, run screen loaded for two hours before rechecking bolts a final time.

## Field Repair

- In the event of premature breakage, patches can be welded in place without affecting the integrity of the rest of the perforated plate, preventing down-time while a new screen is ordered.

***\*If you have any questions during the installation process or about the product, please contact your dealer***



# Machined Wear Liners Installation Instructions

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Recommended Safety Tips	Recommended Tools
Hard Hat	Impact Wrench
Gloves	Bolts
Safety Glasses	

**SEE MANUFACTURER'S INSTRUCTIONS FOR YOUR SPECIFIC MACHINE**

